

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810			
APPLICANT Li et al.							
FILING DATE 01/24/02				GROUP Unassigned 1639			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
Jdw	5,403,712	4/4/95	Crabtree, et al.	435	6		
↓	5,563,036	10/8/96	Peterson, et al.	435	6		
	5,578,444	11/26/96	Edwards, et al.	435	6		
	5,738,990	4/14/98	Edwards, et al.	435	6		
	5,744,131	4/28/98	Edwards, et al.	424	78.08		
	5,747,253	5/5/98	Ecker, et al.	435	6		
	5,804,374	9/8/98	Baltimore, et al.	435	6		
	5,849,493	12/15/98	Montminy, et al.	435	6		
	5,859,227	1/12/99	Giordano, et al.	536	24.1		
	5,861,246	1/19/99	Weissman, et al.	435	6		
	5,908,750	6/1/99	Reed, et al.	435	6		
	5,981,188	11/9/99	Barbosa, et al.	435	6		
	6,040,138	3/21/00	Lockhart, et al.	435	6		
	6,051,373	4/18/00	Green, et al.	435	5		
✓	6,066,452	5/23/00	Weissman, et al.	435	6		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Jdw	WO 00/04196	1/27/00	PCT WO	C12Q	1/68		
Jdw	WO 99/10535	3/4/99	PCT WO	C12Q	1/68		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Tdw	Thiel, Karl A., "Understanding Your Inner Transistor Radio: The Large-Scale Study of Gene Regulation", http://www.doubletwist.com/news/co.../article.jhtml?section=weekly01name=weekly011 , May 26, 2000						
	Van Brunt, Jennifer (Editor), "Systems Biology in the Post-Genomics Era", http://www.recap.com/signal.../0A9F0F7DD2D01BBE88256874004C143C? , Jan. 28, 2000						
↓	Takahashi, Nobuaki et al., "High-density cDNA filter analysis of the expression profiles of the genes preferentially expressed in human brain", <i>Gene</i> , June 9, 1995, Vol. 164, pp. 219-227						
EXAMINER		T. Weeand		DATE CONSIDERED		3/24/04	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810			
APPLICANT Li et al.		FILING DATE 01/24/02		GROUP Unassigned 1639			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
tdw	6,100,032	8/8/00	Kern, et al.	435	6		
	6,100,035	8/8/00	Kauffman, et al.	435	6		
	6,150,090	11/21/00	Baltimore, et al.	435	6		
	6,153,383	11/28/00	Verdine, et al.	435	6		
	6,156,502	12/5/00	Beattie	435	6		
	6,156,511	12/5/00	Schatz, et al.	435	6		
	6,171,798 B1	1/9/01	Levine, et al.	435	6		
	6,183,956 B1	2/6/01	Sivaraja, et al.	435	6		
	6,183,965 B1	2/6/01	Verdine, et al.	435	6		
	6,194,171 B1	2/27/01	Pulst, et al.	435	69.1		
	6,194,638 B1	2/27/01	Dhugga, et al.	800	284		
	6,197,580 B1	3/6/01	Susulic, et al.	435	325		
	6,180,763 B1	1/30/01	Sherr et al.	530	413		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
tdw	WO 01/16605 A2	3/8/01	PCT	G01N	33/68		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
tdw	Zhao, Nanding et al., "High-density cDNA filter analysis: a novel approach for large-scale, quantitative analysis of gene expression", <i>Gene</i> , Jan. 2, 1995, Vol. 156, pp. 207-213						
	Pisetsky, David S. et al., "Binding Specificity of a Monoclonal Anti-DNA Antibody", <i>Molecular Immunology</i> , Sept. 16, 1981, Vol. 19, No. 5, pp. 645-650						
	Broude, Natalia E. et al., "Enhanced DNA sequencing by hybridization", <i>Proc. Natl. Acad. Sci.</i> , April 1994, Vol. 91, pp. 3072-3076						
	Kallioniemi, Anne et al., "Comparative Genomic Hybridization for Molecular Cytogenic Analysis of Solid Tumors", <i>Science</i> , Oct. 30, 1992, Vol. 258, pp. 818-821						
	Velculescu, Victor E. et al., "Serial Analysis of Gene Expression", <i>Science</i> , Oct. 20, 1995, Vol. 270, pp. 484-487						
EXAMINER	DATE CONSIDERED T. Wang 3/22/04						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810	
PTO-1449		APPLICANT Li et al.			
		FILING DATE 01/24/02		GROUP Unassigned 1639	
U.S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS
FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
tan	Nallur, G.N. et al., "Multiplex Selection Technique (MuST): An Approach to clone transcription factor binding sites", <i>Proc. Natl. Acad. Sci.</i> , Feb. 1996, Vol. 6, No. 93, pp. 1184-1189				
	Meier-Ewert, Sebastian et al., "An automated approach to generating expressed sequence catalogues", <i>Nature</i> , Jan. 28, 1993, Vol. 361, pp. 375-376				
	Barringer, Kevin J. et al., "Blunt-end and single-strand ligations by Escherichia coli ligase: influence on an in vitro amplification scheme", <i>Gene</i> , Dec. 6, 1989, Vol. 89, pp. 117-122				
	Bussow, Konrad et al., "A method for global protein expression and antibody screening on high-density filters of an arrayed cDNA library", <i>Nucleic Acids Research</i> , Sept. 10, 1998, Vol. 26, No. 21, pp. 5007-5008				
	Vaughan, Tristan J. et al., "Human Antibodies with Sub-nanomolar Affinities Isolated from a Large Non-immunized Phage Display Library", <i>Nature Biotechnology</i> , March 1996, Vol. 14, pp. 309-314				
	Greenberg, Michael E. et al., "Stimulation of 3T3 cells induces transcription of the c-fos proto-oncogene", <i>Nature</i> , Oct. 4, 1984, Vol. 311, pp. 433-438				
	Ward, E. Sally et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", <i>Nature</i> , Oct. 12, 1989, Vol. 341, pp. 544-546				
	Prooijen-Knegt, A. C. Van et al., "In Situ Hybridization of DNA Sequences in Human Metaphase Chromosomes Visualized by an Indirect Fluorescent Immunocytochemical Procedure", <i>Experimental Cell Research</i> , March 10, 1982, Vol. 141, pp. 397-407				
	Coutlee, Francois et al., "Nonisotopic Detection of RNA in an Enzyme Immunoassay Using a Monoclonal Antibody against DNA-RNA Hybrids", <i>Analytical Biochemistry</i> , Feb. 13, 1989, Vol. 181, pp. 153-162				
	Lee, Youn-Ho et al., "Reusable cDNA Libraries Coupled to Magnetic Beads", <i>Analytical Biochemistry</i> , 1992, Vol. 206, pp. 206-210				
	Lennon, Gregory G. et al., "Hybridization analyses of arrayed cDNA libraries", <i>Perspectives</i> , Oct. 1991, Vol. 7, No. 10, pp. 314-317				
✓	Boguslawski, Sophie J. et al., "Characterization of monoclonal antibody to DNA RNA and its application to immunodetection of hybrids", <i>Journal of Immunological Methods</i> , Dec. 17, 1985, Vol. 89, pp. 123-130				
EXAMINER	T. W...		DATE CONSIDERED 3/22/04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810	
PTO-1449		APPLICANT Li et al.			
		FILING DATE 01/24/02		GROUP Unassigned 1639	
U.S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS FILING DATE
FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS TRANSLATION
					YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
tdw	Eberwine, James et al., "Analysis of gene expression in single live neurons", <i>Proc. Natl. Acad. Sci.</i> , April 1992, Vol. 89, pp. 3010-3014				
	Guatelli, John C. et al., "Isothermal, in vitro amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication", <i>Proc. Natl. Acad. Sci.</i> , March 1990, Vol. 87, pp. 1874-1878				
	Marshall, Christopher J., "Tumor Suppressor Genes", <i>Cell</i> , Jan. 25, 1991, Vol. 64, pp. 313-326				
	Wu, Dan Y. et al., "The Ligation Amplification Reaction (LAR) - Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <i>Genomics</i> , Dec. 28, 1988, Vol. 4, pp. 560-569				
	Palazzolo, Michael J. et al., "Phage lambda cDNA cloning vectors for subtractive hybridization, fusion-protein synthesis and Cre-loxP automatic plasmid subcloning", <i>Gene</i> , Oct. 5, 1989, Vol. 88, pp. 25-36				
	Nguyen, Catherine et al., "Differential Gene Expression in the Murine Thymus Assayed by Quantitative Hybridization of Arrayed cDNA Clones", <i>Genomics</i> , June 23, 1995, Vol. 29, pp. 207-216				
	Fornace, Albert J. et al., "DNA damage-inducible transcripts in mammalian cells", <i>Proc. Natl. Acad. Sci.</i> , Dec. 1988, Vol. 85, pp. 8800-8804				
	Schena, Mark et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", <i>Proc. Natl. Acad. Sci.</i> , Oct. 1996, Vol. 93, pp. 10614-10619				
	Chee, Mark et al., "Accessing Genetic Information with High-Density DNA Arrays", <i>Science</i> , Oct. 25, 1996, Vol. 274, pp. 610-614				
	Campbell, David A. et al., "Phosphonate Ester Synthesis Using a Modified Mitsunobu Condensation", <i>J. Org. Chem.</i> , 1994, Vol. 59, No. 3, pp. 658-660				
	Viscidi, Raphael P. et al., "Monoclonal Antibody Solution Hybridization Assay for Detection of Human Immunodeficiency Virus Nucleic Acids", <i>Journal of Microbiology</i> , Jan. 1989, Vol. 27, No. 1, pp. 120-125				
✓	Van Gelder, Russell N. et al., "Amplified RNA synthesized from limited quantities of heterogeneous cDNA", <i>Proc. Natl. Acad. Sci.</i> , March 1990, Vol. 87, pp. 1663-1667				
EXAMINER	T. Wang		DATE CONSIDERED 3/24/04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810			
		APPLICANT Li et al.					
		FILING DATE 01/24/02		GROUP Unassigned 1639			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Tdw	DeWitt, Sheila Hobbs et al., "Diversomers: An approach to nonpeptide, nonoligomeric chemical diversity", <i>Proc. Natl. Acad. Sci.</i> , August 1993, Vol. 90, pp. 6909-6913						
	Sasmor, Henri et al., "Symmetric lac operator derivatives: effects of half-operator sequence and spacing on repressor affinity", <i>Gene</i> , Jan. 7, 1990, Vol. 89, pp. 1-6						
	Oelgeschlager, Thomas et al., "Probing the function of individual amino acid residues in the DNA binding site of the EcoRI restriction endonuclease by analysing the toxicity of genetically engineered mutants", <i>Gene</i> , Nov. 10, 1989, Vol. 89, pp. 19-27						
	Dignam, John David et al., "Accurate transcription initiation by RNA polymerase II in a soluble extract from isolated mammalian nuclei", <i>Nucleic Acids Research</i> , Jan. 18, 1983, Vol. 11, pp. 1475-1489						
	Southern, E. M. et al., "Arrays of complementary oligonucleotides for analysing the hybridisation behaviour of nucleic acids" <i>Nucleic Acids Research</i> , March 9, 1994, Vol. 22, No. 8, pp. 1368-1373						
	Huse, William D. et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> , Dec. 8, 1989, Vol. 246, pp. 1275-1281						
	Theillet, Charles, "Full speed ahead for tumor screening", <i>Nature Medicine</i> , July 1998, Vol. 4, No. 7, pp. 767-768						
	Kononen, Juha et al., "Tissue microarrays for high-throughput molecular profiling of tumor specimens", <i>Nature Medicine</i> , July 1998, Vol. 4, No. 7, pp. 844-847						
	Meier-Ewert, Sebastian et al., "An automated approach to generating expressed sequence catalogues", <i>Nature</i> , Jan. 28, 1993, Vol. 361, pp. 375-376						
	Liang, Rui et al., "Parallel Synthesis and Screening of a Solid Phase Carbohydrate Library", <i>Science</i> , Nov. 29, 1996, Vol. 274, pp. 1520-1522						
	Uetz, Peter et al., "A comprehensive analysis of protein - protein interactions in <i>Saccharomyces cerevisiae</i> ", <i>Nature</i> , Feb. 10, 2000, Vol. 403, pp. 623-627						
↓	Zehetner, Gunther, "The Reference Library System - sharing biological material and experimental data", <i>Nature</i> , Feb. 3, 1994, Vol. 367, pp. 489-491						
EXAMINER		T. [Signature]		DATE CONSIDERED		3/24/04	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810			
		APPLICANT Li et al.					
		FILING DATE 01/24/02		GROUP Unassigned 1639			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
tdw	Landegren, Ulf et al., "A Ligase-Mediated Gene Detection Technique", <i>Science</i> , August 1988, Vol. 241, pp. 1077-1080						
	Kuijpers, W. H. A. et al., "Synthesis of well-defined phosphate-methylated DNA fragments: the application of potassium carbonate in methanol as deprotecting reagent", <i>Nucleic Acids Research</i> , June 13, 1990, Vol. 18, No. 17, pp. 5197-5205						
	Houghten, Richard A. et al., "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", <i>Nature</i> , Nov. 7, 1991, Vol. 354, pp. 84-86						
	Kohler, G. et al., "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> , August 7, 1975, Vol. 256, pp. 495-497						
	Rudkin, George et al., "High resolution detection of DNA-RNA hybrids in situ by indirect immunofluorescence", <i>Nature</i> , Feb. 3, 1977, Vol. 265, pp. 472-473						
	Kwoh, D. Y. et al., "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", <i>Proc. Natl. Acad. Sci.</i> , Feb. 1989, Vol. 86, pp. 1173-1177						
	Meier-Ewer, Sebastian et al., "Comparative gene expression profiling by oligonucleotide fingerprinting", <i>Nucleic Acids Research</i> , March 8, 1998, Vol. 26, No. 9, pp. 2216-2223						
	Gress, Thomas et al., "Hybridization fingerprinting of high-density cDNA-library arrays with cDNA pools derived from whole tissues", <i>Mammalian Genome</i> , July 2, 1992, Vol. 3, pp. 609-619						
	Lockhart, David J. et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays", <i>Nature Biotechnology</i> , Dec. 1996, Vol. 14, pp. 1675-1680						
	Scheda, Mark et al., "Quantitative Monitoring of Gene Expression Patterns with a Complimentary DNA Microarray", <i>Science</i> , Oct. 20, 1995, Vol. 270, pp. 467-470						
	Phimster, Bette, "Going global", <i>Nature Genetics</i> , Jan. 1999, Vol. 21, No. 1, pp. 1-50						
EXAMINER	T. Weenoff		DATE CONSIDERED		3/27/04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. 26757-709		SERIAL NO. 10/057,810	
PTO-1449		APPLICANT Li et al.			
		FILING DATE 01/24/02		GROUP Unassigned 4639	
U.S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS
FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
thw	Englert, Chad R. et al., "Layered Expression Scanning: Rapid Molecular Profiling of Tumor Samples", <i>Cancer Research</i> , March 15, 2000, Vol. 60, pp. 1526-1530				
↓	Taylor, Laura C. et al., "Application of a High-Density Optical Microwell Arrays in a Live-Cell Biosensing System", <i>Analytical Biochemistry</i> , May 14, 1999, Vol. 26, pp. 132-142				
↓	Arenkov, Pavel et al., "Protein Microchips: Use for Immunoassay and Enzymatic Reactions", <i>Analytical Biochemistry</i> , June 7, 1999, Vol. 278, pp. 123-131				
EXAMINER	T-Weaver		DATE CONSIDERED 3/22/04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.